

AMENDMENTS TO THE SPECIFICATION

Page 13, please replace last paragraph, continuing onto page 14, with the following:

Q1 The 3 time-series images P1, P2, and P3, input to the image display unit 10, are input to the subtraction-image generating section 15. The subtraction-image generating section 15 performs the subtraction process of calculating the interval change between corresponding pixels in the third and second images (P3 and P2, respectively), and the interval change between corresponding pixels in the third and first images (P3 and P2₁, respectively), using the third image P₃, which is the newest among the three images as the reference image. However, it is considered an impossibility that the location or form of a subject (e.g., the chest of a patient) will be exactly the same between two images differing in photographing time. Therefore, there is a high possibility that if the subtraction process is performed between corresponding pixels in the two original images differing in photographing time, the subtraction process will be carried out between different tissues, i.e. subtraction is performed between a bone part and a soft part.